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| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
| GA. | STP-4001(7) | 501 | 591 |

CMP SAMPLING METHODS AND PROCEDURES

REPRESENTATIVE SAMPLING ON LINEAR PROJECT

Receiving water samples and storm water discharge samples will be collected by "grab samples", as specified in Part V.A.3 of the permit. All grab samples will be collected using the following methods and procedures:

CMP SAMPLING METHODS & PROCEDURES

REPRESENTATIVE SAMPLING ON LINEAR PROJECT

Receiving water samples and storm water discharge samples will be collected by "grab samples", as specified in Part IV D. 5. b. of the permit. All grab samples will be collected using the following methods and procedures:

TESTING:

All turbidity tests shall be done in accordance with 40 CFR Part 136 (unless other test procedures have been approved); the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001" and guidance documents that may be prepared by the EPD. Turbidity results will be recorded and reported to EPD in accordance with Part IV.E of the permit.

OUTFALL SAMPLING:

MANUAL SAMPLING:

Samples will be taken at the appropriate time as stated in Part IV.D. 5. d. of the permit. Sampling will occur at the designated representative outfall. The sample will be taken in the center of the outfall channel. A large mouth, clean glass or plastic jar/bottle, labeled with project number and location will be used to collect the sample. The sample container will be held such that the opening faces upstream. Once the sample jar/bottle is full and capped, it will be transported to the location where the turbidity testing will be conducted. Samples may be analyzed at the site with properly calibrated portable turbidimeters. All turbidity tests will be conducted immediately but in no case, later than 48 hours after the time the sample was obtained.

AUTOMATIC SAMPLING:

Samples will be taken at the appropriate times as specified in Part IV.D. 5. d. of the permit. Automatic sampling can be accomplished by using a sampling device similar to the Isco Model 3700 or 6700. These devices can be triggered by flow meters or rain gages to collect the required samples. This determination will be made on a project by project basis. The probe for the automatic sampler will be placed in the center of the outfall channel. Samples will remain in the automatic sampler until the next business day, when they will be collected and tested.

TESTING:

All turbidity tests shall be done in accordance with 40 CFR Part 136 (unless other test procedures have been approved); the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001" and guidance documents that may be prepared by the EPD. Turbidity results will be recorded and reported to EPD in accordance with Part IV.E of the permit.

SAMPLING POINTS:

For this project, one of the four primary outfalls will be sampled in accordance with current NPDES Permit No. GAR 100000.

This project is located in Chatham County, Georgia along the route of existing Middleground Road / Montgomery Cross Road. There are four outfall locations for this project with drainage areas of 13.1, 3.3, 132.6 and 1060 acres. The proposed land disturbance activities and topography for each area are similar, although the quantity of disturbed areas varies significantly. only one of the four outfalls will be sampled at the points shown on the attached Watershed Map and described below:

COMPREHENSIVE MONITORING PROGRAM

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|---------------------------------|--|
| EXISTING PROPERTY LINE | |
| REQUIRED RW LINE | |
| CONSTRUCTION LIMITS | |
| PERPETUAL EASEMENT | |
| TEMPORARY CONSTRUCTION EASEMENT | |

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|-------------------------------|--|
| BEGIN LIMIT OF ACCESS.....BLA | |
| END LIMIT OF ACCESS.....ELA | |
| LIMIT OF ACCESS | |
| RW AND LIMIT OF ACCESS | |
| EXISTING RW LINE | |

| DATE | REVISIONS | DATE | REVISIONS | LAND LOT NO. |
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| GEORGIA DEPARTMENT OF TRANSPORTATION EROSION AND SEDIMENT CONTROL PLAN | | | |
| PROJECT | STP-4001(7) | | |
| COUNTY | CHATHAM COUNTY | | |
| DATE | JANUARY, 2000 | SH | OF |